

# DURO T-Lock

## Technical Data Sheet

### Introduction:

DURO T-LOCK membrane this system eliminates leakages failures encountered with conventional systems with seams and overlap joints. DURO T-LOCK membranes are securely plastic welded, moreover the width of DURO T-LOCK is almost double that of conventional below ground sheets, minimizing joints and ensuring a continuous leak proof protection to concrete slabs & walls.

The waterproofing efficacy of Self adhesive Blind side waterproofing is primarily determined by the adhesive layer and tapes that are bound to degrade over time with heat, pressure, subsoil chemicals.

Duro T-LOCK membrane avoids all these and provide an superior anchoring lock on to concrete.

Duro T-LOCK system is made from Virgin PVC resins- A membrane which is physically "locked" to concrete structure



### Application:

Duro T-Lock Sheets are welded together by hot air welding. Key spacing is set at 70 mm. End laps and side laps should be minimum 75 mm.

### Colors:

Duro T-Lock is available in Black color as Standard.



**Packaing & Storage:**

NA Duro T-Lock is supplied in standard rolls.

Thickness ..... 2.0mm

Roll Width..... 2.20m

Length ..... 15 or 24 meter / Less is also available

Roll Weight(s) ..... 105 kg +/-3 and / or 168 kg +/- 3

**Technical Data:**

Property	Value
Tensile Strength ASTM 638	15N/mm <sup>2</sup>
Elongation at Break ATM D638	250%
Shore A Hardness ASTM D2240	>75-80
Hydrostatic Pressure Reistance ASTM D5385	>69m WG (Pass)
Puncture Resistance ASTM E154	655 N
Water Absorption % ASTM D570	0,12
Tear Resistance ASTM D1004	324 N

**Chemical Resistance (For 1 Week):**

Sulphuric Acid 10% ..... Unaffected

Hydrochloric Acid 10% ..... Unaffected

Sodium Hydroxide 10% .....Unaffected

Sodium Chloride 10% ..... Unaffected

Sodium Sulphate 10%..... Unaffected

Kerosene..... Unaffected

Benzene ..... Unaffected



**Health & Safety:**

Duro T-LOCK is an inert material and has no chemical hazard. As such it does not have a require a Material Safety Data Sheet. Roll weigths exceed manual lifting regulations and as such should be carried by a minimum of 3 persons.

It is the Company's policy to take all responsible steps to prevent injury to all property and personal from foreseeable hazards. This extends to the public in so far they come into contact with the Company or its products.

**General Information:**

Duro T-Lock is part of a wide range of specialist waterproofing material manufactured and supplied by Durotech Engineering. If you require any further information on this or any other of our product, please contact our export department.

